



#3/Amdt A (A.E.)  
T. Ogunmakinwa  
7-5-91

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of  
RICHARD EDWARD FERNANDEZ

Case No.: CH-1762

Art Unit: 223

Serial No.: 07/436,465

Examiner: J. D. ANTHONY

Filed: November 14, 1989

For: FIRE EXTINGUISHING COMPOSITION  
AND PROCESS

Wilmington, Delaware

Date: 27 June 1991

RESPONSE

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

In response to the Office Action of January 15, 1991, please amend the subject application as follows:

In the Claims

Please cancel Claims 7-9.

Please add Claim 13:

--13. A fire-extinguishing composition consisting essentially of at least one fluoro-substituted ethane selected from the group of  $\text{CF}_3\text{-CHF}_2$ ,  $\text{CHF}_2\text{-CHF}_2$  and  $\text{CF}_3\text{-CH}_2\text{F}$ , said composition being devoid of any bromine-containing halocarbon.--

In Claims 10, 11 and 12, change "Claim 9" to --Claim 13--.

In Claim 11, line 1, change "wherin" to --wherein--.

DISCUSSION

1. Applicant affirms the election (with traverse) to prosecute the invention of Group II, Claims 7-12.

2. Applicant's invention relates to the discovery that certain fluoro-substituted ethanes are highly effective fire-extinguishing agents. Currently, commercial fire-extinguishing agents involve bromine-containing halocarbons.